

## Summary Specification

### BMT-2098C-A

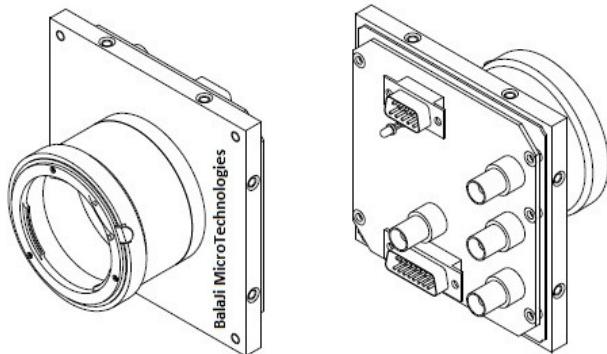
#### Colour Line Scan Analog Camera

Name	Specification
Resolution	2098 Tri-Linear CCD (KLI-2113)
Pixel size	14×14 ( $\mu\text{m} \times \mu\text{m}$ ) (8 lines spacing)
MAX. date rate	20 MHz×3
MAX. line rate	≈9.2 KHz
Lens mount	Nikon F-Mount
Spectral response	400nm ~ 700nm Typical
Analog data format	0V ~ 5V @ 75Ω coax axial connectors
Digital IO format	RS-644 LVDS / 5V TTL for BNC SYNC output
Sync modes	Free-run / External Sync / External Clock
Integration time	16 bit via Serial
Gain & Offset	through potentiometer on board
Power supply	12VDC, 5%
Power dissipation	< 4W
Working temp.	-10°C to 50°C / 20% to 80%
Storage temp.	-40°C to 75°C / 10% to 90%
Dimensions	100mm(W)×100mm(H)×75mm(D) with lens mount
Weight	< 500 GM



#### Features:

- BMT-2098C-A is equipped with high speed CCD line scan image sensor (KLI-2113). The image sensor consists of three parallel 2098-element photodiode array, one for each primary color.
- BMT-2098C-A is Industrial Analog Colour Line Scan Camera. It operates with single DC 12V supply.
- The camera output RGB through BNC connectors.



Trilinear Series: Model: BMT-2098C-A  
2098 Pixel Trilinear Colour Line Scan Camera

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## Applications:

- Food processing
- Machine Vision/Factory Automation
- Print/pharma

## Ordering code:

Model Number	Description
BMT-2098C-A	2098 Pixel CCD Colour Line Scan Camera
BMT-2098M-A	2098 Pixel CCD Monochrome Line Scan Camera

For more product information or inquiry, please contact

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